UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

DATE FILED 11-12-86

LAND: FEE & PATENTED STATE LEASE NO. U-01194-ST PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 11-14-86

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA'D 2-22-88

FIELD: NATURAL BUTTES

UNIT: NATURAL BUTTES

COUNTY: UINTAH

WELL NO. COG NBU #55 API #43-047-31771

LOCATION 1995' FNL FT. FROM (N) (S) LINE. 2147' FWL FT. FROM (E) (W) LINE. SE NW 1/4 — 1/4 SEC. 26

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	21E	26	COASTAL OIL & GAS CORP.				

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
DRILLING LOCATION ASSESSMENT

RECEIVED
NOV 10 1986
DIVISION OF
OIL, GAS & MINING

OPERATOR Coastal Oil & Gas Corp WELL NAME NBU #55

LOCATION: COUNTY Uintah SECTION 26 T 9 South R 21 East

QTR/QTR SE NW 1995' F N L & 2147' F W L

SURFACE OWNERSHIP State of Utah? MINERAL LEASE # ---

ASSESSMENT PARTICIPANTS: DATE 6 / Nov / 1986

Dennis Broussard w/ Coastal O&G Corp

Robert Anderson w/ Heitzman Drlsite Svc.

Robert Kay w/ Uintah Engineering

Harley Jackson w/ Skewes & Hamilton

Carol Kubly O&G inspector

I. REGIONAL SETTING/TOPOGRAPHY

Colorado Plateau, Uintah Basin, Natural Buttes

II. LAND USE

A. Current Surface Use:

Open Range

B. Proposed Surface Disturbance:

325' X 250' for location, about ½ mile for access road.

C. Affected Floodplains and/or Wetlands:

Not Applicable

III. ENVIRONMENTAL PARAMETERS

A. Geology:

1. Surface Formation -

Uintah Formation

2. Stability -

Moderate to good if drainage rerouting is adequate.

B. Soils:

1. Soil Characteristics -

Light to medium brown sandy silt

2. Erosion/Sedimentation -

Drainage on north side will not be disturbed. Minor drainages on east side will be rerouted to outside of location - on other side of knoll

C. Water Resources:

Approximately 2 miles to the north to the White River.

D. Flora/Fauna:

Cheat grass, shadscale, rice grass, rabbit brush.

E. Cultural Resources/Archeology:

Clearance granted last week by Michael Metcalf

F. Adequacy of Restoration Plans:

Adequate

IV. RESERVE PIT

A. Characteristics:

90' X 110' X 8'

B. Lining:

Bentonite if fractures not encountered. If so, plastic liner will be used.

V. OTHER OBSERVATIONS

Reroute drainages as indicated.

VI. STIPULATIONS FOR APD APPROVAL:

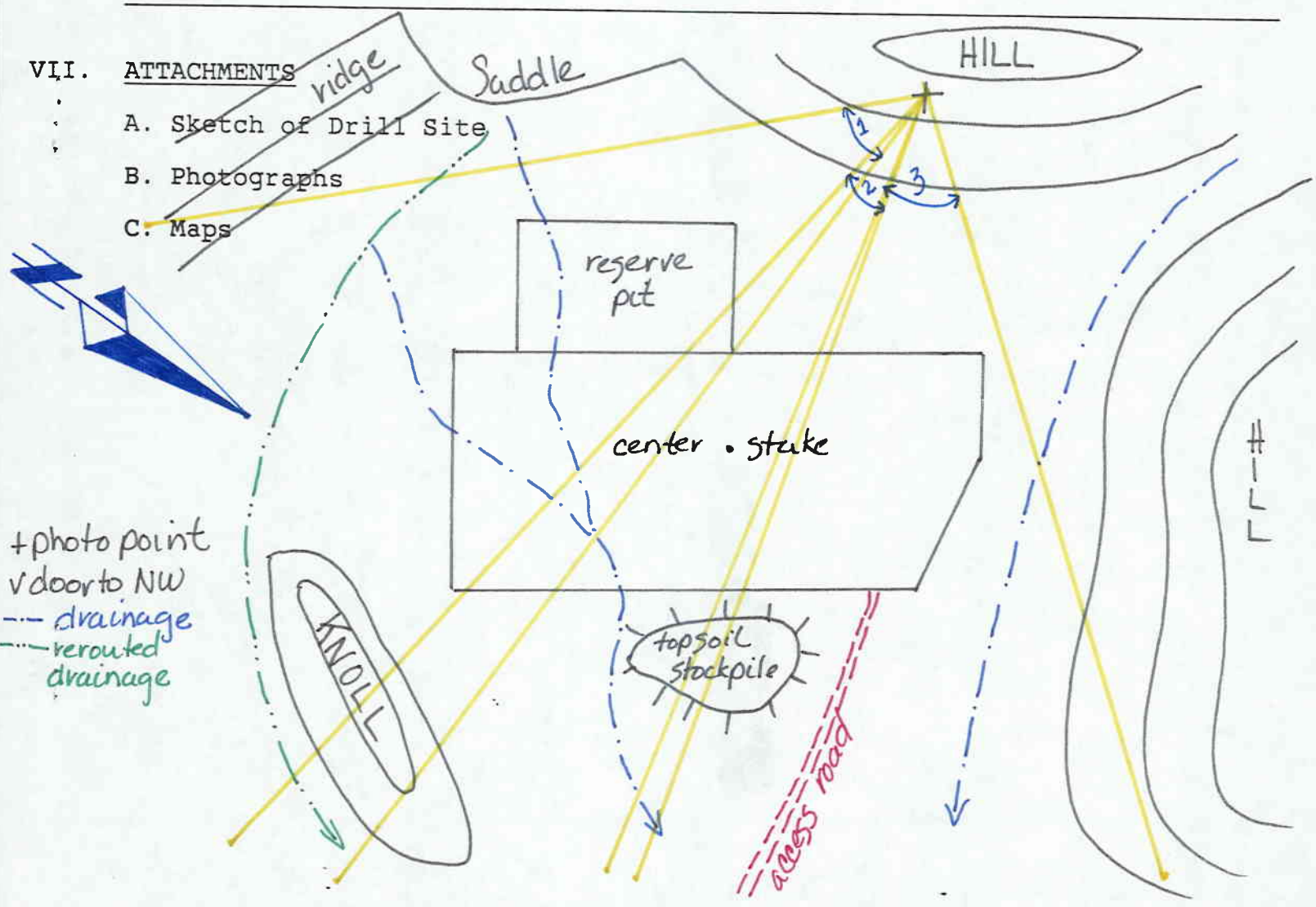
There are to be 4 (four) culverts in drainages along access road - 1 will be 36"diameter, the other three will be a minimum of 24" diameter.

VII. ATTACHMENTS

A. Sketch of Drill Site

B. Photographs

C. Maps

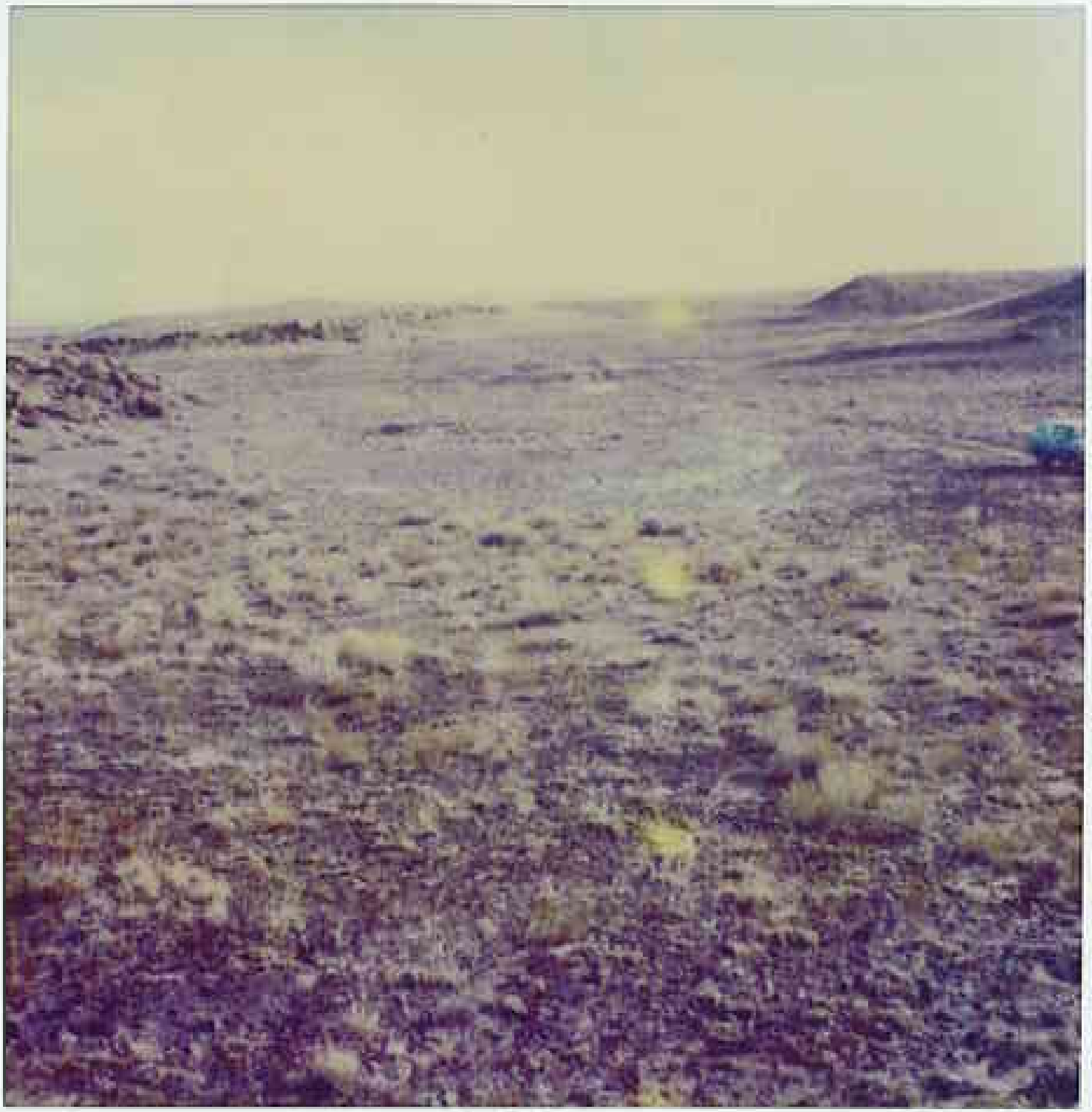


COGC NBU #55
SENW Sec 26 9S, 21E
Uintah Co. UT

1

COGC NBU #55
SENW Sec 26 9S 21E
Uintah Co, UT.

(2)



CDGC NBU #55
SE NW Sec 26 9S, 21E
Uintah Co, UT

(3)

Form OGC-1a

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

6

5. Lease Designation and Serial No.
U-01194-St.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name
Not Applicable

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name
Natural Buttes

b. Type of Well
Oil Well [ ] Gas Well [X] Other Single Zone [X] Multiple Zone [ ]

8. Farm or Lease Name
COG NBU

2. Name of Operator
Coastal Oil & Gas Corporation (303) 572-1121

9. Well No.
#55

3. Address of Operator
P. O. Box 749, Denver, Colorado 80201-0749

10. Field and Pool, or Wildcat
Natural Buttes

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
1995' FNL, 2147' FWL (SE¼NW¼) 26-9S-21E
At proposed prod. zone
Same

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 26, T9S, R21E

14. Distance in miles and direction from nearest town or post office*
Ten (10) Miles Southeast of Ouray, Utah

12. County or Parrish 13. State
Uintah Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)	16. No. of acres in lease	17. No. of acres assigned to this well
1985'	1082.97	80
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	**19. Proposed depth**	**20. Rotary or cable tools**
2200'	6700' Wasatch	Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
4912' GR

22. Approx. date work will start*
November 15, 1986

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	20#	250'	125 sx Circ. to Surface
7-7/8"	5-1/2"	17#	6700'	1800 sx

RECEIVED
NOV 12 1986
DIVISION OF OIL, GAS & MINING

PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11-14-86
BY: John R. Baza
WELL SPACING: 203

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
Signed H. E. Aab Title District Drilling Manager Date 11/4/86
H. E. Aab

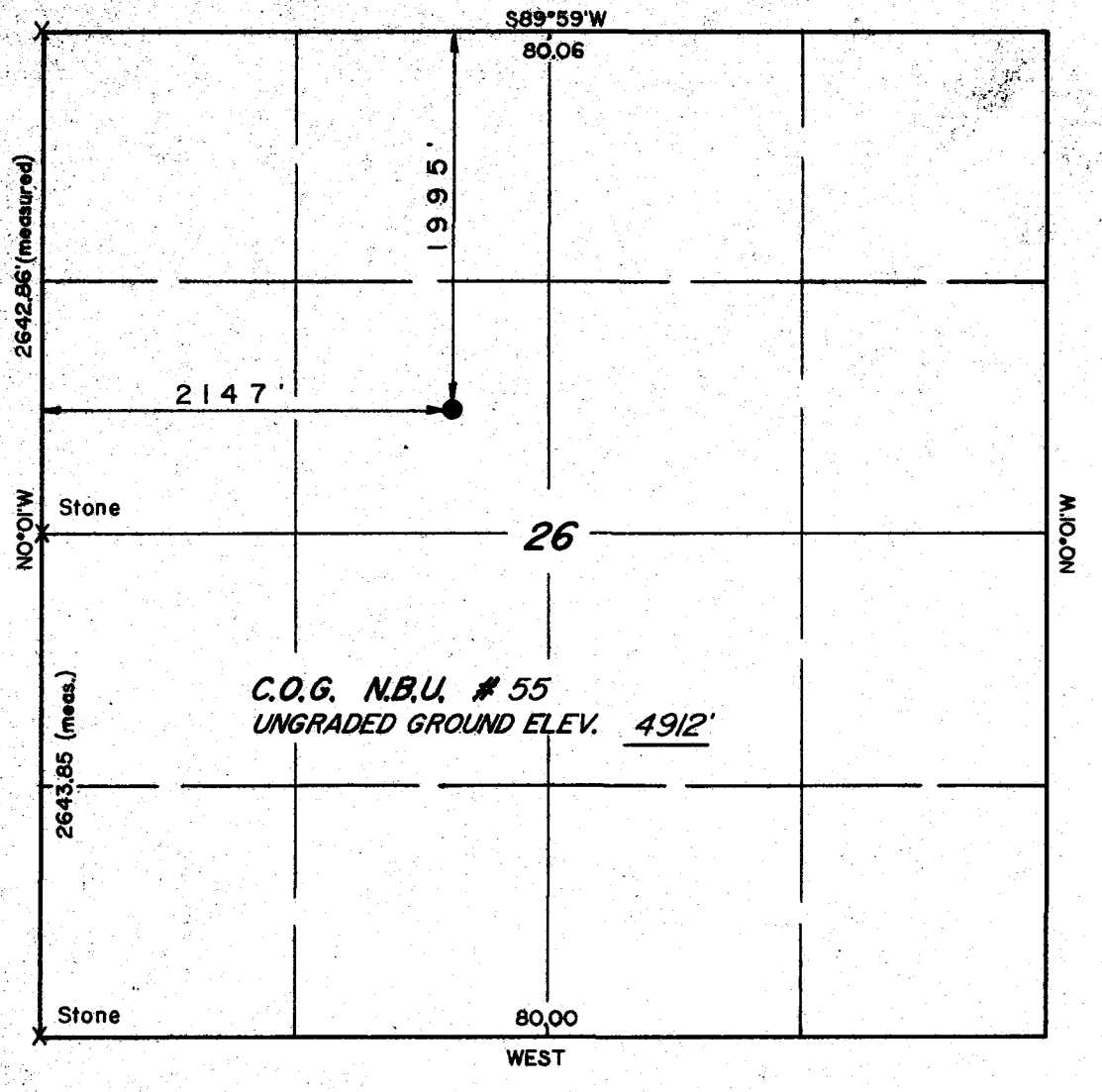
(This space for Federal or State office use)

Permit No. 43-047-31771 Approval Date

Approved by Title Date
Conditions of approval, if any:

*See Instructions On Reverse Side

T 9 S, R 21 E, S.L.B. & M.



X = SECTION CORNERS LOCATED

PROJECT

COASTAL OIL & GAS CORP.

WELL LOCATION, C.O.G. N.B.U. #55, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4, SECTION 26, T9S, R 21 E, S.L.B. & M., UINTAH COUNTY, UTAH.

N

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10-28-86
PARTY RK JF RP	REFERENCES GLO
WEATHER FAIR	FILE COASTAL

Drilling Prognosis

1. Estimated Formation Tops:

Surface	Uinta
Green River	1526'
Wasatch	4926'
Total Depth	6700'

2. Estimated Depths of Oil, Gas or Water:

Oil : None
Gas : Wasatch - 4926'
Water : None

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth, and cased and cemented.

3. Pressure Control Equipment:

Type : One 10" X 3000 psi annular preventer.
One 10" X 3000 psi double ram preventer (blind ram above, pipe ram below).
One wing with two manual valves and one choke.
One positive choke and one adjustable.

Choke Manifold : 2 1/16" X 3000 psi dual wing manifold. Each wing with two manual valves and one choke. One positive choke and one adjustable.

Auxiliary Equipment : Upper and lower kelly cock valves. Back pressure and full opening drill string safety valves. Gas detector.

Testing Procedure : BOP and choke manifold will be installed and pressure tested before drilling out under surface casing and then checked daily for mechanical operating condition. Ram-type preventers and related pressure control equipment will be pressure tested to the rated working pressure of the stack assembly, or 70% of the internal yield of the casing, whichever is less. Annular preventer will be pressure tested to 50% of rated working pressure upon installation. BOP and choke manifold pressure rating will exceed the maximum anticipated surface pressure.

4. The Proposed Casing and Cementing Program: (Used)

Hole Size	Casing Size	Wt./Ft.	Grade	Thread	Depth Set
12-1/4"	8-5/8"	20#	J-55	ST&C	250'
7-7/8"	5-1/2"	17#	K-55	ST&C	T.D.

4. The Proposed Casing and Cementing Program: Continued

All casing strings will be pressure tested to 0.2 psi/ft., or 1000 psi, whichever is greater, after cementing and prior to drilling out.

Surface Casing : 125 sacks Class "H", 2% $CaCl_2$, 1/4#/sx Celloflake

Production Casing : 800 sx Lite
1000 sx Class "G", 2% Gel, 10% Salt

A greater amount of cement will be used if necessary to ensure that all potentially productive hydrocarbon zones are cemented off. Fill-up to be determined from logs.

5. Drilling Fluids Program: (Monitor with PVI and Flow Sensor Devices)

Interval	Type	Weight	Viscosity	Fluid Loss
0-250'	Air	--	--	--
250-T.D.	Fresh Water	8.7 ppg	45 sec.	12 cc

Drilling mud inventory will be stockpiled on the location and will not be less than the total amount needed for the mud system as required to drill this well.

6. Evaluation Program:

Logs : DIL with Caliper - Surface to Total Depth
FDC-CNL - Approximately 1500' to Total Depth

DST's : None Anticipated

Cores : None Anticipated

7. Abnormal Conditions:

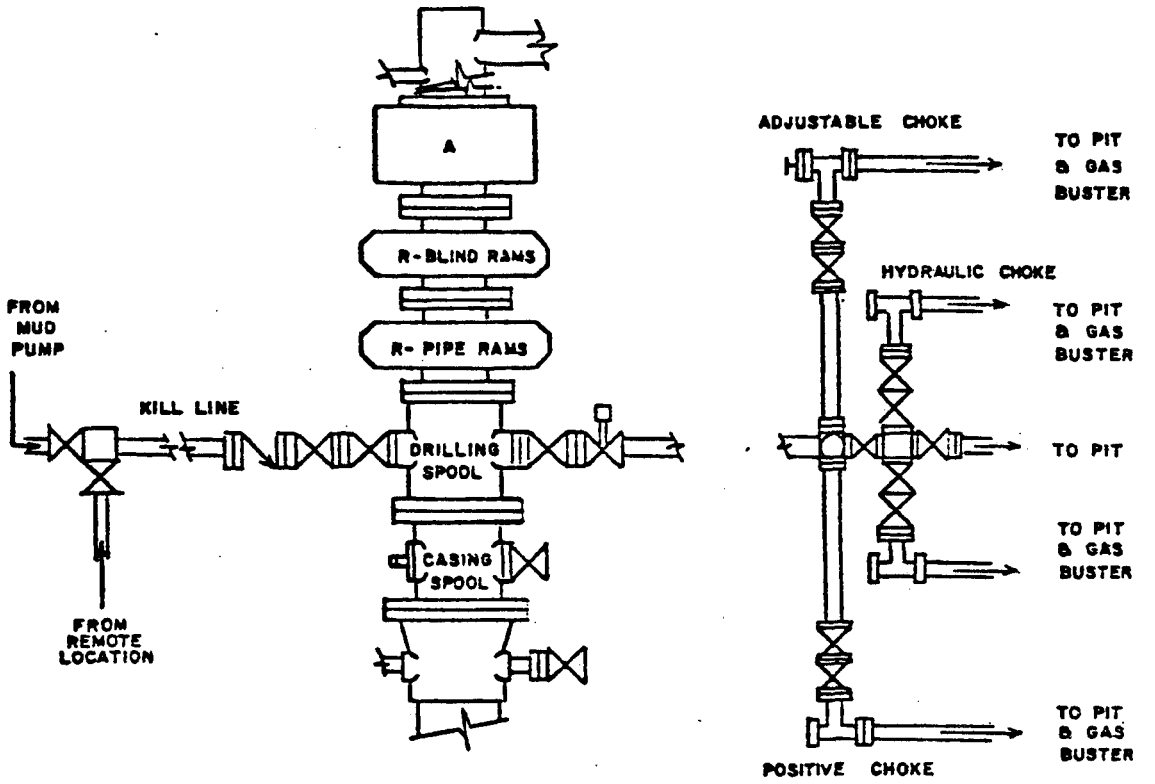
No abnormal temperatures or pressures are anticipated. No H_2S gas has been reported or known to exist from previous drilling in the area at this depth. Maximum anticipated bottom hole pressure equals 2000 lbs.

8. Drilling Activity and Auxiliary Equipment:

Anticipated Commencement Date: November 15, 1986
Drilling Days : Fifteen (15)
Completion Days : Three (3)

Auxiliary Equipment:
1. A kelly cock will be kept in the string at all times.
2. Periodic checks will be made each tour of the mud system (refer to Item #5).
3. A stabbing valve will be kept on the derrick floor to be stabbed into the drill pipe whenever the kelly is not in the string.
4. No bit float will be used.

3000 psi psi Working Pressure BOP's



Test Procedure

1) Flush BOP's and all lines to be tested with water.
2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
3) Test the following to rated pressure:
   a) inside blowout preventer
   b) lower kelly cock
   c) upper kelly cock
   d) stand pipe valve
   e) lines to mud pump
   f) kill line to BOP's
4) Close and test pipe rams to rated pressure.
5) Close and test Hydril to rated pressure.
6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
7) Test all choke manifold valves to rated pressure.
8) Test kill line valves to rated pressure.

COASTAL OIL & GAS CORPORATION

Lease # U-01194-St, COG NBU #55
SW¼NW¼ Section 26, T9S, R21E
Uintah County, Utah

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:

   A. Water for drilling will be obtained from an existing industrial water well (Uintah #1) owned by Target Trucking, Inc. and located in the SE¼SE¼NE¼ Section 16, Township 10 South, Range 21 East, Uintah County, Utah; Permit Number 49-991 (A57530).

2. Methods of Handling Waste Disposal:

   A. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, the holding tanks will be pumped and the contents disposed of in a municipal sewage treatment facility or other authorized disposal facility.
   B. Garbage and other waste materials - all trash will be contained in a portable trash cage. Upon completion of operations, all trash will be hauled to an approved sanitary landfill.
   C. Cuttings and drilling fluids - the cuttings will be deposited in the reserve pit. Drilling fluids will be contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground surface on the lowest point within the pit. The reserve pit will not be lined unless fractured rock or extremely porous soil/rock formations are encountered.

3. Plans for Reclamation of the Surface:

   A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit dries.
   B. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). All disturbed surfaces (including access road and well pad areas) will be reseeded using the seed mixture recommended by the State of Utah. Seed will be drilled on the contour to an approximate depth of 1/2 inch.
   C. Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock and wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.

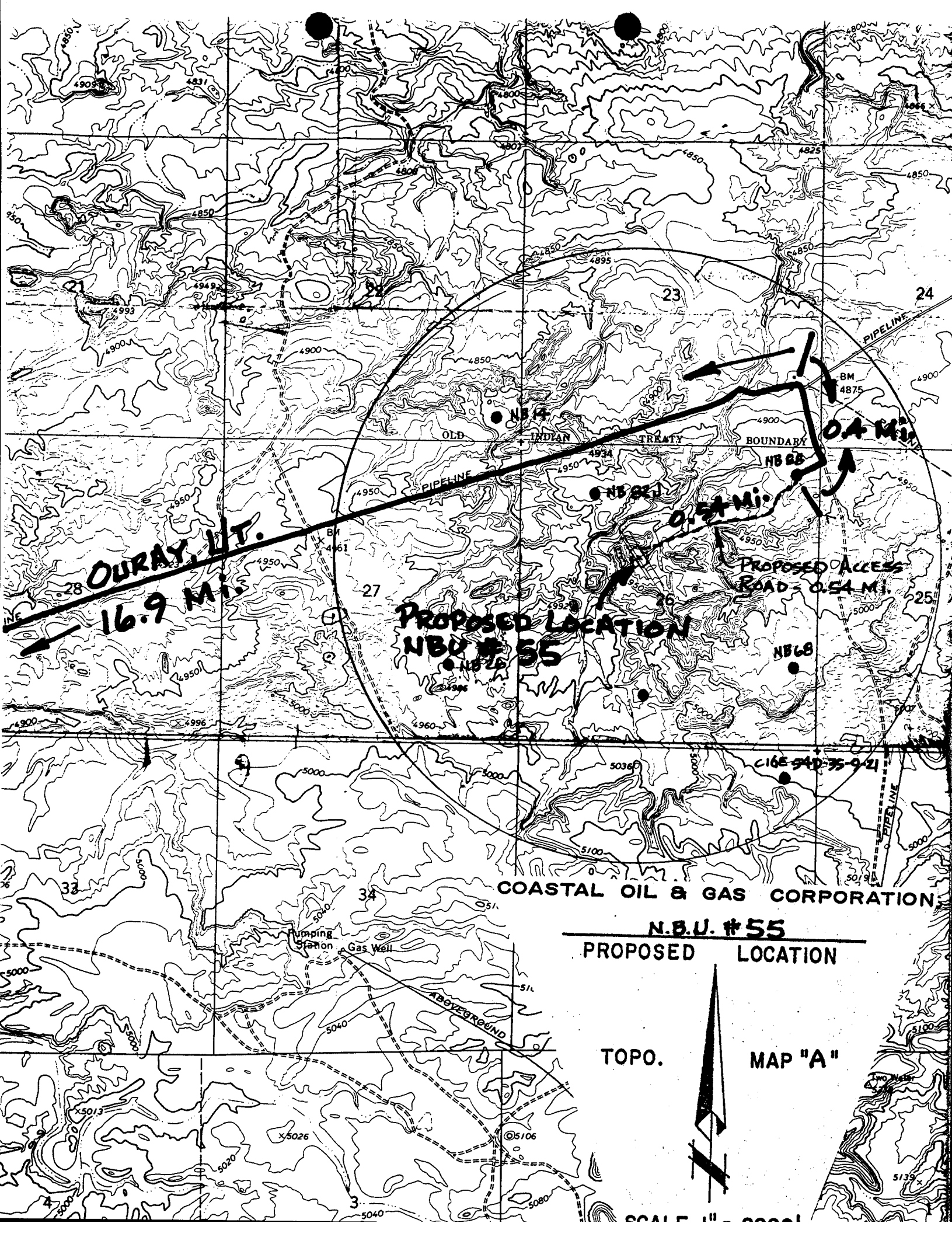
3. Plans for Reclamation of the Surface: Continued

D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.

E. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Rehabilitation operations should be completed by the Fall of 1987.

4. Other Information:

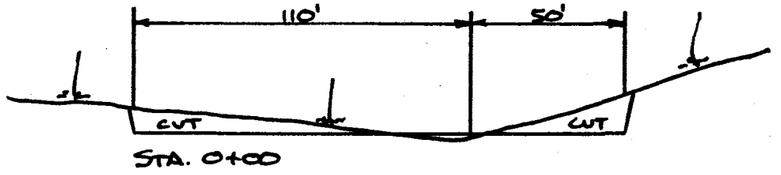
A. A cultural resource inventory of the proposed well site and access road has been conducted by Mike Metcalf/Metcalf Archaeology, P. O. Box 899, Eagle, Colorado 81631; phone (303) 328-6244. There are no known archeological, historical or cultural sites that will be disturbed by this drilling operation, as a result of this inventory.

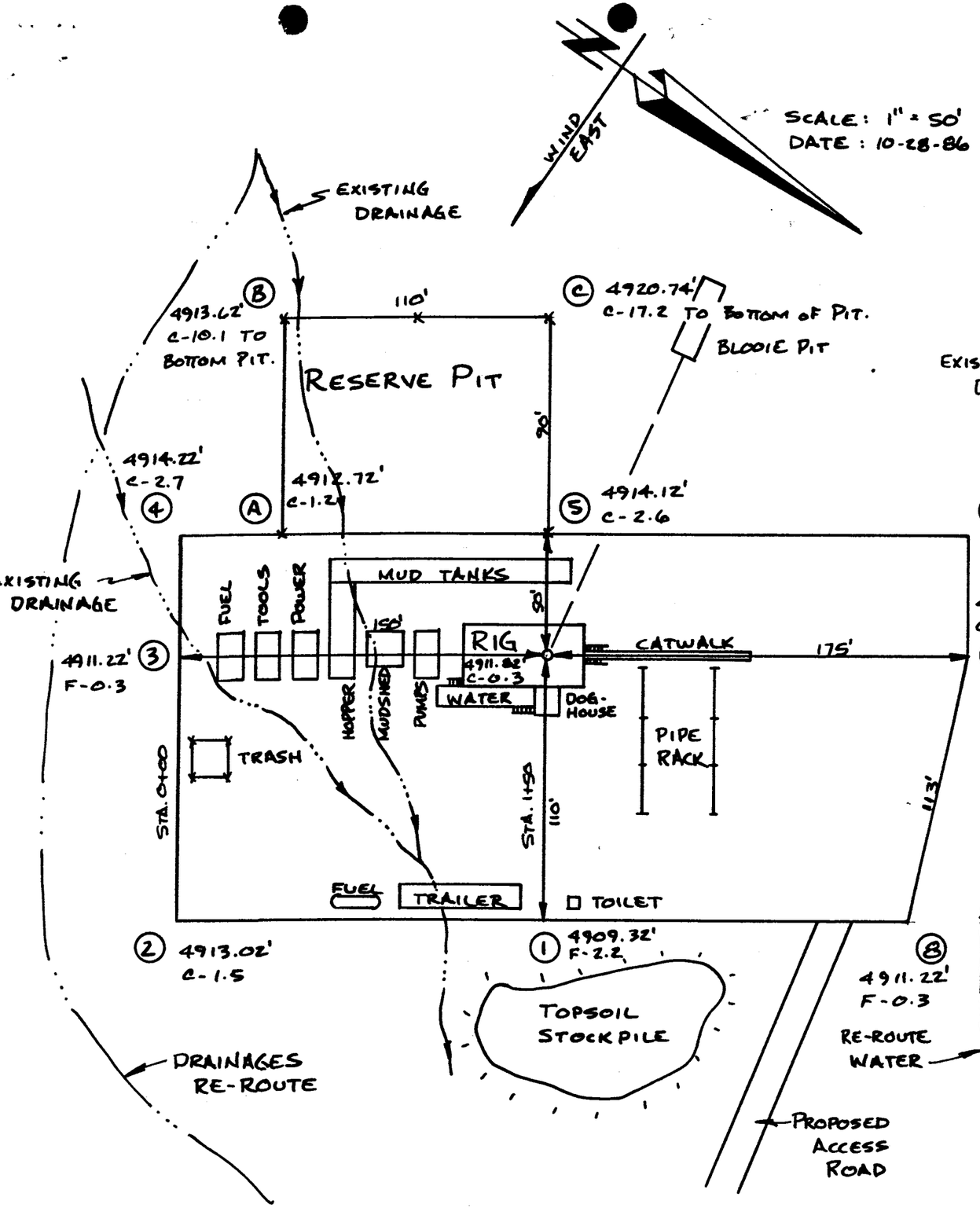

OURAY, UT.
16.9 Mi.
PROPOSED LOCATION
NBU #55
0.54 Mi.
PROPOSED ACCESS ROAD - 0.54 Mi.
0.4 Mi.
PIPELINE
OLD INDIAN TREATY BOUNDARY
NB 14
NB 25
NB 62J
NB 26
NB 68
C16E 5-4D-35-9-21
BM 4875
BM 4661
Pumping Station
Gas Well
ABOVEGROUND
Two Water
COASTAL OIL & GAS CORPORATION
N.B.U. #55
PROPOSED LOCATION
TOPO. MAP "A"

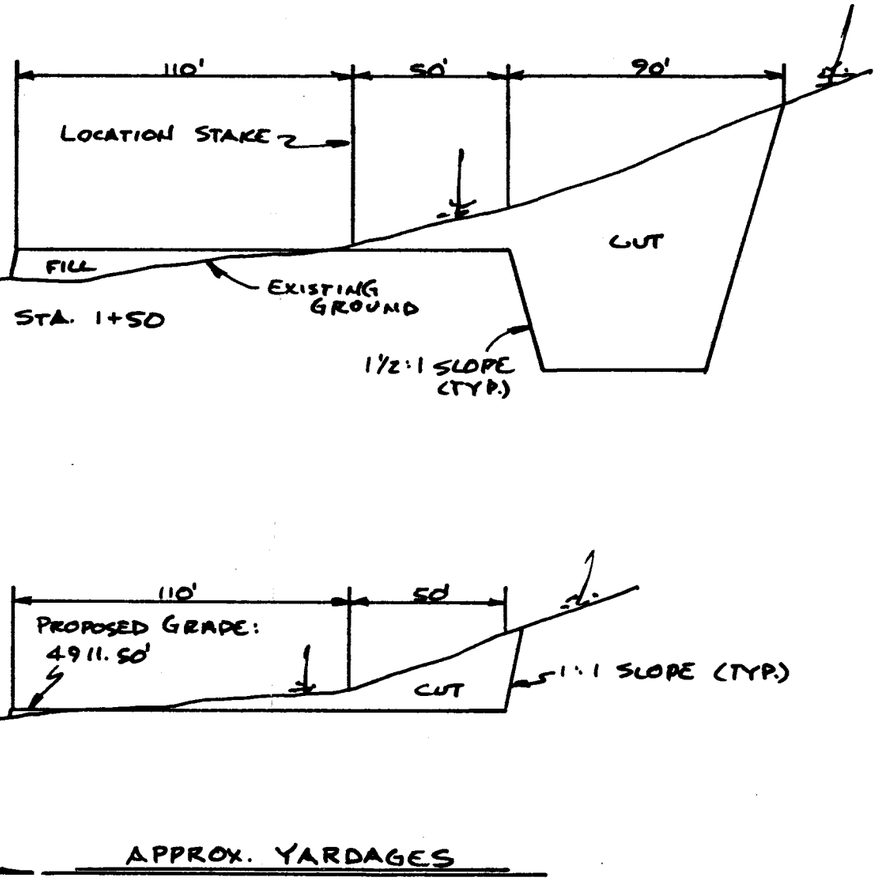
COASTAL OIL & GAS CORP.

C.O.G. N.B.U. #55

LOCATION LAYOUT & CUT SHEET







APPROX. YARDAGES

CUBIC YDS. CUT = 5,130

CUBIC YDS. FILL = 585

UNBALANCE OF 4,431 CU. YDS OF CUT

Cultural Resources Inventory of the Coastal Oil and Gas Company NBU-55 Well Pad and Access Uintah County, Utah

by
Michael D. Metcalf
Field Archaeologist and Principal Investigator

for
Coastal Oil and Gas Company
Denver, Colorado

M A C
Metcalf Archaeological Consultants, Inc.
Eagle, Colorado

Project No. U-86-MM-703s

November 1986

Introduction

The Coastal Oil and Gas NBU-55 well pad is located in the SE/NW of Section 26, T9S R21E, Uintah County, Utah. It will be served by about 4,000 ft of access road which originates at an existing well pad in the extreme eastern edge of the SE/NE/NE of Section 26, and runs west-southwesterly to the well pad. In addition, two 100 ft wide corridors for possible pipeline routes were surveyed in the SE/NW of the section. The project lies on state lands. The study was performed by the author under project number U-86-MM-703s and was completed on October 30, 1986. No cultural resources were observed during the survey, therefore, cultural resource clearance is recommended.

Project Setting

The project area is a dissected plateau south of the White River in the Uinta Basin of eastern Utah. The area is characterized generally by eroded sandstone formations, sagebrush-shadscale vegetation patterns and clayey soils with wide areas of desert pavement and restricted pockets of Holocene age sand deposits.

The NBU-55 well pad sits in a semi-sheltered eroded pocket formed by low, eroded sandstone ridges. The access road follows existing seismic trails over about half its length. It follows generally gently sloping terrain with thin soils and large stretches of desert pavement. Vegetation is a thin shadscale regime with ground visibility considered excellent. Drainage is to the north via unnamed ephemeral tributaries of the White River.

Files Search

A files search was conducted by David Schirer of the Division of State History on the same day as the survey. This search overlaps a previous files search done by the author at the Vernal District of the Bureau of Land Management on September 8, 1986. These records show that numerous oil and gas surveys have occurred in the area including all of this project area. Most of Section 26 and adjacent portions of Sections 25 and 27 were surveyed in 1981 by BYU for the TOSCO Sand Wash Project (C. Thompson, site form for 42UN1057). A University of Utah survey in 1979

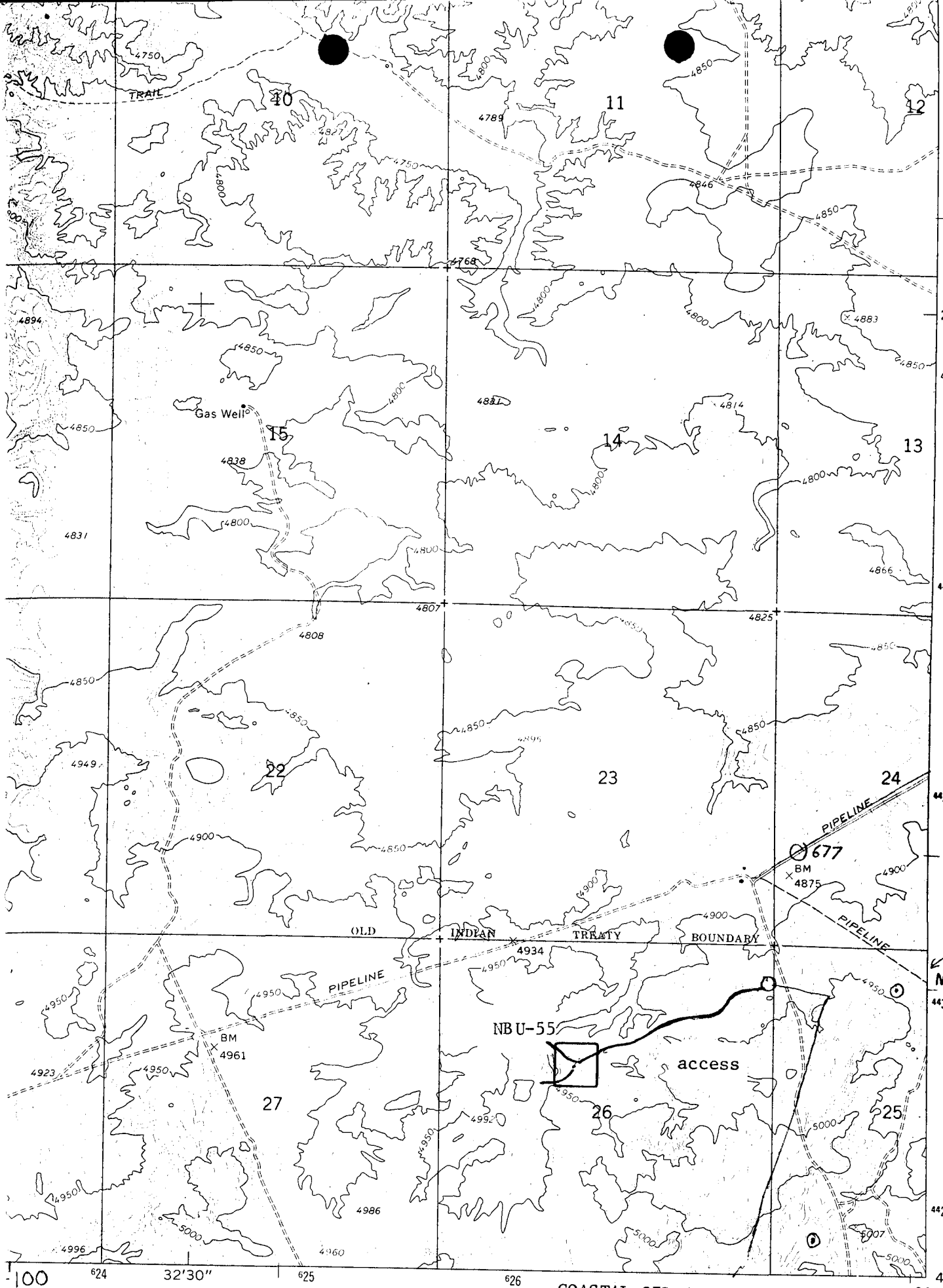
also cut through the NW of Section 26. As a result of these surveys, eight sites have been recorded within Section 26, 42UN1047 and 42UN1052-1058. None of these sites are threatened by the proposed NBU-55 location, access, or flow lines. Because of the numerous of known sites in the section, the current project was surveyed as a precaution. Had the author not been in the project area for another Coastal well pad comparisons of the well pad plat and cultural resource maps would have been adequate.

Field Methods

A standard ten acre block was surveyed for the NBU-55 location. In addition, two alternative pipeline routes which extend out of the ten acres to an existing above-ground pipeline were inspected. Parallel transects were used on the block; two transects, one on either side of centerline were used for the access and pipline corridors. Total width of coverage was 100 ft. Surface visibility could be characterized as excellent.

Results/Recommendations

Survey of the NBU-55 location resulted in no additional discoveries of cultural resources. All previously recorded sites are some distance from Coastal's proposed facilities and cultural resource clearance is recommended.



COASTAL OIL AND GAS COMPANY
NBU-55 SE/NW Sec. 26 T9S R21E
Uintah County, Utah
Ouray SE USGS Quadrangle

1 MILE
7000 FEET
1 KILOMETER

111805

OPERATOR Coastal Oil & Gas Corp DATE 11-13-86

WELL NAME COG NBU #55

SEC SE NW 24 T 9S R 21E COUNTY Uintah

43-047-31771
API NUMBER

State
TYPE OF LEASE

CHECK OFF:

- [✓] PLAT
- [✓] BOND
- [✓] NEAREST WELL
- [✓] LEASE
- [✓] FIELD
- [✓] POTASH OR OIL SHALE

PROCESSING COMMENTS:
Unit Well - OK on P.O.D. 11/13/86 - Jeanne/BLM
Water OK - #86-49-38
Need State History — Rec'd 11/13-/86

APPROVAL LETTER:

SPACING: [✓] 203 Natural Buttes UNIT [ ] 302

[ ] _____ CAUSE NO. & DATE [ ] 302.1

STIPULATIONS:
~~1 - State History~~
1 - Oil Shale
2 - Natural drainages shall be diverted and/or culverts installed to prevent any influent to or effluent from the location.

0218T

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 14, 1986

Coastal Oil and Gas Corporation
P. O. Box 749
Denver, Colorado 80201-0749

Gentlemen:

Re: COG NBU #55 - SE NW Sec. 26, T. 9S, R. 21E
1995' FNL, 2147' FWL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule 203, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Special attention is directed to compliance with Rule 318.4, which prescribes drilling procedures for designated oil shale areas.

2. Natural drainages shall be diverted and/or culverts installed to prevent any influent to or effluent from the location.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.

6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31771.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: State Land & Forestry
Branch of Fluid Minerals
D. R. Nielson
8159T

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

DRL.

030106

February 22, 1988

Coastal Oil and Gas Corporation
P.O. Box 749
Denver, Colorado 80201-0749

Gentlemen:

RE: Well No. COG NBU #55, Sec. 26, T. 9S, R. 21E,
Uintah County, Utah, API NO. 43-047-31771

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

John R. Baza
Petroleum Engineer

sb
cc: BLM-Vernal
D. R. Nielson
R. J. Firth
Well file
0327T-31